

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: ALLI03

Lab Code: ACE

SDG NO.: Q2552

Lab File ID: VU063531.D

BFB Injection Date: 07/18/2025

Instrument ID: MSVOA\_U

BFB Injection Time: 08:07

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.3                 |
| 75  | 30.0 - 60.0% of mass 95            | 53.6                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7                    |
| 173 | Less than 2.0% of mass 174         | 0.7 ( 1 ) 1          |
| 174 | 50.0 - 100.0% of mass 95           | 71.8                 |
| 175 | 5.0 - 9.0% of mass 174             | 5.3 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 69.8 ( 97.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.4 ( 6.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| CLIENT ID             | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED | TIME ANALYZED |
|-----------------------|---------------|-------------|---------------|---------------|
| VSTDCCC010            | VSTDCCC010    | VU063532.D  | 07/18/2025    | 09:11         |
| VU0718WBL01           | VU0718WBL01   | VU063533.D  | 07/18/2025    | 10:49         |
| VU0718WBS02           | VU0718WBS02   | VU063535.D  | 07/18/2025    | 11:50         |
| VU0718WBSD02          | VU0718WBSD02  | VU063536.D  | 07/18/2025    | 13:28         |
| WS0725-PT-UNRVOA-WS   | Q2552-08      | VU063538.D  | 07/18/2025    | 15:54         |
| WS0725-PT-UNRVOA-WSDL | Q2552-08DL    | VU063539.D  | 07/18/2025    | 16:24         |